

**From:** Tyahla.Stephen@epamail.epa.gov  
**Sent:** Thursday, February 17, 2011 7:00 AM  
**To:** Whelan, Joseph <JWhelan1@wm.com>  
**Subject:** Re: Daily Progress Report for February 16, 2011

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Joe,

Thanks for the report.

I have a couple of clarifying questions for you below, in **red bold**. Just making sure I understand.

Thanks,

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To: Arlene Kabei/R9/USEPA/US@EPA, Steve Armann/R9/USEPA/US@EPA, Rich Vaille/R9/USEPA/US@EPA, Stephen Tyahla/R9/USEPA/US@EPA, Bret Moxley/R9/USEPA/US@EPA, Andrew Helmlinger/R9/USEPA/US@EPA, Steve Wall/R9/USEPA/US@EPA, "stuart.yamada@doh.hawaii.gov" <stuart.yamada@doh.hawaii.gov>, "Steven.chang@doh.hawaii.gov" <Steven.chang@doh.hawaii.gov>, "alec.wong@doh.hawaii.gov" <alec.wong@doh.hawaii.gov>  
Date: 02/16/2011 07:06 PM  
Subject: Daily Progress Report for February 16, 2011

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Greetings all.

**WMH001627**

Please find below the daily progress report on work items contained within the recently approved AOC.

### ***ACTIONS PERFORMED AND DEVELOPMENTS ANTICIPATED***

#### **Cell 6 Assessment:**

1. Evaluation and repairs continue to be made to the southwestern portion of the E6 liner system moving north. Mud was discovered between the geomembrane layers in this area, which hydrated the GCL locally. The contractor began replacing the affected GCL and covering it with 60-mil HDPE on Tuesday. This work is ongoing and should take approximately 2 to 3 days to complete.
2. The contractor pumped 18,100 gallons of storm water from Cell E6 today, which was transported to the WWTP for treatment and disposal. **Am I correct in thinking that this 18k gallons came from water accumulated on top of Cell E6, basically a separate pond, if you will, from the pond that's immediately upstream of the large temporary earthen berm?** These activities are ongoing.

#### **Western Storm water Diversion Project (to render functional):**

- 1) Diversion Structure: The final wall section of the diversion structure was poured last Wednesday. These forms are now being removed.
- 2) Box Culvert: The contractor continued working on forming the transition structure from box culvert invert to pipe invert. Rebar work on box culvert walls is ongoing. The contractor began pouring the box culvert walls today.
- 3) Pipe: Backfilling of the HOBAS pipe channel is now complete.
- 4) The diversion structure is now functionally complete per the terms of Section 19.b. of the AOC.

#### **Cell 6 Leachate Riser Restoration:**

1. The contractor continued excavation around the leachate risers today, and was successful in exposing the entry flanges. We are in the process of re-connecting the electricity and plumbing at this time. **Great news!!!**
2. The contractor pumped 33,200 gallons of water, which was transported to the WWTP, and 27,700 gallons of mud/water from the area around the risers today, and placed in on site frac tanks for separation purposes. **Am I correct in thinking that this water was pumped from the pond immediately upstream of the large temporary earthen berm? Thus, the E6 pond where the 18.1K gals was pumped is a separate pond further upstream (basically like when I was there). Actually, a current photo of the whole area from above would be helpful.**

#### **Sediment Basin:**

1. The contractor was not able to pump storm water from the sedimentation basin today due to the low level of free standing water. We have begun removing silt/rock

material from the northern portion of the sedimentation basin. **How is the silt/rock being removed and where is it going (for dewatering I suppose)?**

**Evaluating possible hydraulic head below liner system:**

1. Per the work plan submitted to EPA on 2/1/2011, we have drilled to depth at temporary piezometer locations PZ-5 and PZ-6. No water was encountered at any time during the drilling. Since no water was observed, temporary piezometers were not installed. The contractor completed installation of PZ1 on Tuesday, no water was encountered during the drilling process.

***ANALYTICAL DATA RECEIVED DURING REPORTING PERIOD - None***  
***ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS – None***  
***Please let me know if you have any questions.***

***Best regards,***

***Joe Whelan***

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